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PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/804,835
	Filing Date	3/19/2004
	First Named Inventor	Ramarathnam Venkatesan
	Group Art Unit	2131
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	MS1.1286US

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	Form PTO-1449; reference copy (1); return receipt postcard
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s)	

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	Kasey C. Christie/Reg. No. 40559
Signature	
Date	11-23-04

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Cheryl K. Boies	Date	11-23-2004
Signature			

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PTO/SB/17 (10-04)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**0.00****Complete if Known**

Application Number	10/804,835
Filing Date	3/19/2004
First Named Inventor	Ramarathnam Venkatesan
Examiner Name	2131

Art Unit

Attorney Docket No. MS1-1286US

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

12-0769

Lee &amp; Hayes, PLLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1001 790	2001 395	Utility filing fee
1002 350	2002 175	Design filing fee
1003 550	2003 275	Plant filing fee
1004 790	2004 395	Reissue filing fee
1005 160	2005 80	Provisional filing fee

Fee Paid

**SUBTOTAL (1)****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20 =	x 18 =	
Indep. Claims	-3 =	x 88 =	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$**

\*\*or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description
1051 130		2051 65		Surcharge - late filing fee or oath
1052 50		2052 25		Surcharge - late provisional filing fee or cover sheet
1053 130		1053 130		Non-English specification
1812 2,520		1812 2,520		For filing a request for <i>ex parte</i> reexamination
1804 920*		1804 920*		Requesting publication of SIR prior to Examination action
1805 1,840*		1805 1,840*		Requesting publication of SIR after Examiner action
1251 110		2251 55		Extension for reply within first month
1252 430		2252 215		Extension for reply within second month
1253 980		2253 490		Extension for reply within third month
1254 1,530		2254 765		Extension for reply within fourth month
1255 2,080		2255 1,040		Extension for reply within fifth month
1401 340		2401 170		Notice of Appeal
1402 340		2402 170		Filing a brief in support of an appeal
1403 300		2403 150		Request for oral hearing
1451 1,510		1451 1,510		Petition to institute a public use proceeding
1452 110		2452 55		Petition to revive - unavoidable
1453 1,330		2453 665		Petition to revive - unintentional
1501 1,370		2501 685		Utility issue fee (or reissue)
1502 490		2502 245		Design issue fee
1503 660		2503 330		Plant issue fee
1460 130		1460 130		Petitions to the Commissioner
1807 50		1807 50		Processing fee under 37 CFR 1.17(q)
1806 180		1806 180		Submission of Information Disclosure Stmt
8021 40		8021 40		Recording each patent assignment per property (times number of properties)
1809 790		2809 395		Filing a submission after final rejection (37 CFR § 1.129(a))
1810 790		2810 395		For each additional invention to be examined (37 CFR § 1.129(b))
1801 790		2801 395		Request for Continued Examination (RCE)
1802 900		1802 900		Request for expedited examination of a design application.

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)****0.00****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Kasey C. Christie	Registration No. (Attorney/Agent)	40559	Telephone	509-324-9256
Signature		Date	11-23-04		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. .... 10/804,835  
Filing Date ..... 3/19/2004  
Confirmation No. .... 7125  
Inventorship ..... Ramarathnam Venkatesan  
Applicant ..... Microsoft Corporation  
Group Art Unit .....  
Examiner .....  
Attorney's Docket No. .... MS1-1286US  
Title: Cryptographic Pairing-Based Short Signature Generation and Verification

**INFORMATION DISCLOSURE STATEMENT**

*References -- See Attached Form PTO-1449*

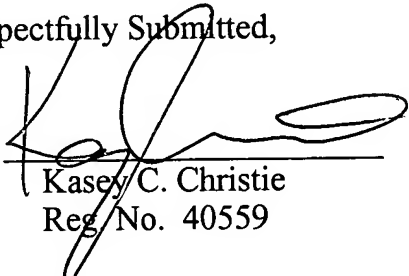
**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Date: 11-23-04

Respectfully Submitted,

By:

  
Kasey C. Christie  
Reg. No. 40559

